

GLYCERIN DERIVATIVE, ITS PREPARATION, AND DRUG CONTAINING IT

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Publication number: JP60104066**Publication date:** 1985-06-08**Inventor:** ARAI YOSHINOBU; HAMANAKA NOBUYUKI;
MIYAMOTO TSUMORU**Applicant:** ONO PHARMACEUTICAL CO**Classification:**

- international: C07D295/08; A61K31/40; A61K31/415; A61K31/425;
 A61K31/426; A61K31/44; A61K31/4425; A61K31/445;
 A61K31/495; A61K31/535; A61K31/5375; A61K31/55;
 A61P7/02; A61P9/12; A61P11/00; A61P29/00;
 A61P35/00; A61P37/04; A61P37/08; A61P43/00;
 C07C43/13; C07C43/174; C07C43/178; C07D211/22;
 C07D211/46; C07D213/04; C07D213/20; C07D233/02;
 C07D233/22; C07D277/22; C07D277/24; C07D295/088;
 C07D295/15; C07D309/12; C07D453/02; C07D487/08;
 C07D521/00; A61K31/40; A61K31/415; A61K31/425;
 A61K31/426; A61K31/44; A61K31/4425; A61K31/445;
 A61K31/495; A61K31/535; A61K31/5375; A61K31/55;
 A61P7/00; A61P9/00; A61P11/00; A61P29/00;
 A61P35/00; A61P37/00; A61P43/00; C07C43/00;
 C07D211/00; C07D213/00; C07D233/00; C07D277/00;
 C07D295/00; C07D309/00; C07D453/00; C07D487/00;
 C07D521/00; (IPC1-7): A61K31/40; A61K31/415;
 A61K31/425; A61K31/44; A61K31/445; A61K31/495;
 A61K31/535; A61K31/55; C07D213/04; C07D233/02;
 C07D241/00; C07D277/22; C07D295/08; C07D453/02;
 C07D487/08

- European: C07C43/13M; C07C43/174M; C07C43/178M;
 C07C143/68M; C07D211/22; C07D211/46;
 C07D213/20B2B; C07D277/22C; C07D295/08B1D2;
 C07D295/14B1B; C07D309/12; C07D453/02;
 C07D521/00B1E9A

Application number: JP19830209936 19831110**Priority number(s):** JP19830209936 19831110**Also published as:**

EP0146258 (A2)
 EP0146258 (A3)

Report a data error here**Abstract of JP60104066**

NEW MATERIAL: A compound shown by the formula I [A is O, carbonyloxy (carbonyl group is linked to R<3> group); R<1> is 6-22C alkyl, or phenyl-substituted 2-5C alkyl; R<2> is OH, amino, 1-20C alkyl, 1-20C alkoxy, group shown by the formula II (R<4> is H, halogen, 1-4C alkyl, etc.), etc.; R<3> is 1-12C alkylene; group shown by the formula III is heterocyclic group; with the proviso that R<2> is not amino when A is carbonyloxy], and its acid addition salt. **EXAMPLE:** (2RS)-1-O-hexadecyl-3-O-[7-(1-pyrrrolidinyl)heptyl] glycerin. **USE:** An inhibitor of blood platelet aggregation, antiasthmatic, antiallergic, anti-inflammatory agent, hypotensor, and antitumor agent. **PREPARATION:** For example, a compound shown by the formula IV (Y is halogen, alkylsulfonyloxy, etc.) is reacted with a tertiary amine, and, if necessary, subjected to salt exchange reaction, to give a compound shown by the formula I wherein a group shown by the formula III is heterocyclic group where the ring itself is quaternary ammonium ion or nitrogen atom in the ring is replaced with alkyl group and converted into quaternary ammonium ion.

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